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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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|-----------------|-------------|----------------------|---------------------|------------------|

10/599,093

02/23/2007

Ulf Jarredal

P18993-US1

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09/03/2008

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EXAMINER

NGUYEN, QUYNH H

ART UNIT

PAPER NUMBER

2614

MAIL DATE

DELIVERY MODE

09/03/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|------------------------------|--------------------------------------|--------------------------------------|--|
| Office Action Summary | Application No. 10/599,093 | Applicant(s) JARREDAL, ULF | |
| | Examiner QUYNH H. NGUYEN | Art Unit 2614 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 February 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 and 7-11 is/are rejected.
- 7) ☒ Claim(s) 6 and 12 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☒ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 9/19/06 received. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Regarding claims 1-2 and 7-8 the phrase "so far" renders the claim indefinite because it is unclear whether the limitation(s) following the phrase are part of the claimed invention. See MPEP § 2173.05(d).

Claim Rejections - 35 USC § 101

3. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 7-12 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The language of the claim raises a question as to whether the claim is directed merely to an abstract idea that is not tied to a technological art, environment or machine which would result in a practical application

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producing a concrete, useful, and tangible result to form the basis of statutory subject matter under 35 U.S.C. 101.

Claims 7-12 claim the non-statutory subject matter of an arrangement.

Applicant's specification does not have clear and adequate support for what arrangement is. Failure to make appropriate corrections would also result in 112 first paragraph rejections.

Claim Objections

4. Claim 1 is objected to because of the following informalities: in the last line of the claim recites "complete B-number;" should be -- complete B-number_ --. Appropriate correction is required.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-2 and 7-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bernstein (U.S. Patent 5,583,925).

As to claims 1 and 7, Bernstein teaches a method / arrangement for rapid dialing (*speed dial*) in a telecommunication system (see abstract) comprising the steps of: dialing a number using the telephone set (col. 4, lines 10-14); comparing a value

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composed of the dialed digits with a list of records stored in a database (col. 3, lines 35-45; col. 4, lines 20-26); and matching the composed value and a record in the list, which points to a numeral representing the total number of digits in the complete number (col. 4, lines 24-31).

Bernstein does not explicitly teach communicating with a telephone set without ability to indicate a number termination to establish a connection. However, Bernstein teaches enter in a record telephone number associated with speed dial code wherein the speed dial code may include a name, telephone number (col. 3, lines 39-50), and the adjunct 200 uses speed dial codes to identify the complete numbers (col. 4, lines 24-25). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to enter in a record a speed dial code wherein the speed dial code may include part of telephone number digits that associated with a complete number so that when dialing a few digits, Bernstein's system will point to a complete number and in turn connect the call.

As to claims 2 and 8, Bernstein teaches comparing the value composed of the dialed digits with a list of records stored in the database (col. 3, lines 35-45; col. 4, lines 20-26); matching the compose value and a record in the list which points to a prefix indicating that the dialed digits are to be ignored (col. 4, lines 24-47).

7. Claims 3-5 and 9-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bernstein (U.S. Patent 5,583,925) in view of Malackowski et al. (US Patent 6,839,556).

As to claims 3-4 and 9-10, Bernstein does not teach the telephone set is connected to a Home Base Station that is further connected to a network via a Home Base Station Controller wherein a database is connected to the Home Base Station Controller comprises: storing the composed B-value in the Home Base Station Controller connected database; establishing a connection when a number of digits corresponding to the numeral has been dialed.

Malackowski teaches the telephone set (*wireless telephone 110*) is connected to a Home Base Station that is further connected to a network via a Home Base Station Controller wherein a database is connected to the Home Base Station Controller comprises: storing the composed B-value in the Home Base Station Controller connected database; establishing a connection when a number of digits corresponding to the numeral has been dialed (Fig. 2; col. 4, lines 59-67).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teachings of Malackowski into the teachings of Bernstein in order to have a more efficient system and other services utilizing wireless communication.

As to claims 5 and 11, Malackowski teaches transferring an emulated "CALL" signal from the Home Base Station to the Home Base Station Controller; establishing a connection when the emulated "CALL" signal has been received (col. 7, lines 27-41).

Allowable Subject Matter

8. Claims 6 and 12 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

As to claims 6 and 12, prior arts of record fail to teach, or render obvious, alone or in combination a method for rapid dialing in a telecommunication system that requires an indication of a number termination to establish a connection, which system is communicating with a telephone set without ability to indicate such termination comprising the claimed means and their components, relationships, and functionalities as specifically recited in claims 6 and 12.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quynh H. Nguyen whose telephone number is 571-272-7489. The examiner can normally be reached on Monday - Thursday from 6:30 A.M. to 5:00 P.M. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on 571-272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

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you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Quynh H Nguyen/

Primary Examiner, Art Unit 2614